

## ABSTRACT

An apparatus for heating a liquid comprising a housing having an internal chamber and a rotor disposed in said chamber. A drive shaft rotatably supported in the housing and extending into said chamber for imparting mechanical energy to the rotor. The rotor having a generally hemi-spherically shaped form and provided with a series of openings. A fluid intake passage in said housing preferably arranged to be nearer the rotational axis of the rotor and a fluid exit passage preferably positioned radially outwardly of said rotor.